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## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Lakshmi Channarayana Examiner #: 74459 Date: 1/3/03  
 Art Unit: 1615 Phone Number 308-2438 Serial Number: 101004772  
 Mail Box and Bldg/Room Location: CM1 2B-2 Results Format Preferred (circle): PAPER/DISK E-MAIL

*CM1-2B05*  
 If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Multi-Layered Osmotic Device

Inventors (please provide full names): Faouy Baquing

Mayorga, JORGE

Earliest Priority Filing Date: 5/30/97

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please perform a litigation search  
 On Patent # 6,004,582, which  
 is Ser. No: 09/086,871.

Point of Contact:  
 Mona Smith  
 Technical Information Specialist  
 CM1 6A01  
 Tel: 308-3278

Thanks  
 Lakshmi Channarayana

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Terms: **patno=6004582** ([Edit Search](#))

086871 (00) 6004582 December 21, 1999

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT  
**6004582**

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December 21, 1999

Multi-layered osmotic device

**REISSUE:** Reissue Application filed Dec. 3, 2001 (O.G. Mar. 26, 2002) Ex. Gp.: 1615; Re. S.N. 10/004,772, (O.G. March 26, 2002)

**INVENTOR:** Faour, Joaquina, Buenos Aires, AR; Mayorga, Jorge, Buenos Aires, AR

**APPL-NO:** 086871 (00)

**FILED-DATE:** May 29, 1998

**GRANTED-DATE:** December 21, 1999

**ASSIGNEE-AT-ISSUE:** Laboratorios Phoenix U.S.A, Inc., Buenos Aires, AR

**ASSIGNEE-AFTER-ISSUE:** April 1, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., LABORATORIOS PHOENIX U.S.A., INC. HUMAHUACA 4065 1192 BUENOS AIRES ARGENTINA, Reel and Frame Number: 009863/0138  
April 24, 2000 - NONE CORRECTING ASSIGNEE'S DOMICLE AND STATE OF INCORPORATION, RECORDED AT RE EL 9863, FRAME 0138, FILED 04/01/1999., LABORATORIOS PHOENIX USA, INC., A CORPORATION OF THE STATE OF DELAWARE 1 BOCA PLACE, 2255 GLADES RD., SUITE 324A BOCA RATON FLORIDA 33431, Reel and Frame Number: 010773/0116  
August 20, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., OSMOTICA CORP. R.G. HODGE PLAZA, SECOND FLOOR, UPPER MAIN STREET C/O ALFARO, FERRER, RAMIREZ & ALEMAN (B.V.I.) LTD ROAD TOWN, TORTOLA VIRGIN ISLANDS, BRIT ISH, Reel and Frame Number: 012110/0782

**CORE TERMS:** osmotic, coat, semipermeable, polymer, mixture, poly, compound, passageway, tablet, membrane ...

**ENGLISH-ABST:**


The present invention provides a simple and improved multi-layered osmotic device (1) that is capable of delivering a first active agent in an outer lamina (2) to one environment of use and a second active agent in the core (5) to another environment of use. Particular embodiments of the invention provide osmotic devices in which the first and second active agents are similar or dissimilar. An erodible polymer coat (3) between an internal semipermeable membrane (4) and a second active agent-containing external coat (2) comprises poly(vinylpyrrolidone)-(vinyl acetate) copolymer. This particular erodible polymer results in an improved multi-layered osmotic device possessing advantages over related devices known in the art. The active agent in the core (5) is delivered through a pore (6) containing an erodible plug (7). The osmotic device (1) can be coated by a final finish coat (8).

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